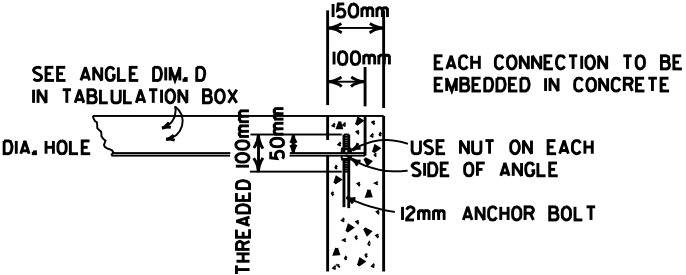
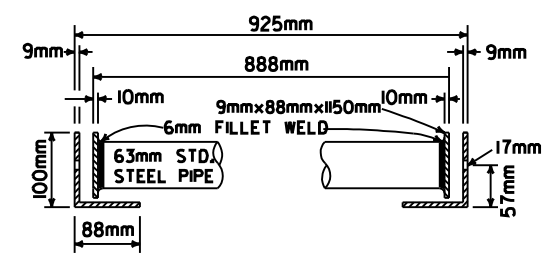
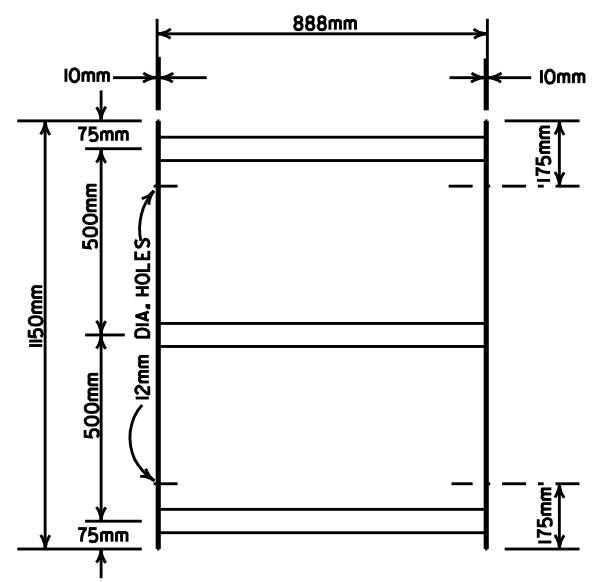


QUANTITIES & DIMENSIONS - ONE GRATE COMPLETE

PIPE DIA.	W - 1	W - 2	L	S	H	PANEL SIZE	NUMBER OF PANELS	ANGLE DIMEN. D	APPROX. CONC. QUANT.
	m	m	m	m	m			mm	CU m
450	1.5	1.2	2.85	2.89	0.65	888x150	3	100x88x9	1.35
600	1.5	1.2	3.75	3.80	0.80	888x150	4	100x88x9	1.79
750	1.5	1.2	4.65	4.71	0.95	888x150	5	100x88x9	2.35

BAR LISTS - ONE HEADWALL

600mm PIPE			750mm PIPE			450mm PIPE		
MRK	LENGTH mm	NO.	MRK	LENGTH mm	NO.	MRK	LENGTH mm	NO.
I301	800	6	I301	800	6	I301	800	6
I302	1400	30	I302	1400	36	I302	1400	24
K1301	3650	10	K1301	4550	10	K1301	2750	10
K1302	3075	2	K1302	3975	2	K1302	2175	2
K1303	1275	2	K1303	2175	2	K1303	375	2
K1304	375	2	K1304	375	2			
V1301	1325	10	V1301	1475	10	V1301	1175	10
V1302	1225	2	V1302	1375	2	V1302	1075	2
V1303	1175	2	V1303	1325	2	V1303	1025	2
V1304	1125	2	V1304	1275	2	V1304	975	2
V1305	1075	2	V1305	1225	2	V1305	925	2
V1306	1025	2	V1306	1175	2	V1306	875	2
V1307	975	2	V1307	1125	2	V1307	825	2
V1308	925	2	V1308	1075	2	V1308	775	2
V1309	875	2	V1309	1025	2	V1309	725	2
V1310	825	2	V1310	975	2	V1310	675	2
V1311	775	2	V1311	925	2			
V1312	725	2	V1312	875	2			
V1313	675	2	V1313	825	2			
			V1314	775	2			
			V1315	725	2			
			V1316	675	2			



STANDARD GRATE PANEL

NOTE: 63mm STANDARD STEEL PIPE TO BE VENTED FOR GALVANIZING.

TYPICAL SECTION

FURNISH WASHERS WITH BOLTS

DETAIL OF ANGLE CONNECTION

ARKANSAS STATE HIGHWAY COMMISSION

STEEL GRATE ASSEMBLY (TYPE 1)

STANDARD DRAWING G-1(M)

4-03-97	REVISED STEEL BARS TO METRIC
7-20-98	CONVERTED TO METRIC
REVISED	REVISED

